

In re Appln. Of: Léon Leclercq  
Application No.: Not yet assigned

### *SPECIFICATION AMENDMENTS*

At page 1, after the title and before Field of the invention insert:

#### Cross-reference to related patent application

This patent application is the National Stage of International Application No. PCT/BE2004/000179 filed December 20, 2004, which claims the benefit of EP 04447053.2 filed March 3, 2004, the teachings and disclosure of which are hereby incorporated in their entireties by reference thereto.

Replace Paragraph [0017] with:

The present invention discloses a composite grinding roller, produced by casting, having peripheral inserts in a material with high wear resistance and great hardness, sealed during said casting in a ductile matrix, said ductile matrix infiltrating around or in the peripheral insert during this casting in such a way as to form a close contact at the interface between said peripheral inserts and said ductile matrix, said roller having both first zones subjected to heavy wear and second zones subjected to light wear, ~~wherein in wear wherein~~ said first zone, ~~said roller~~ comprises on its peripheral face inserts with an abutted part ~~and in said second zone, and said second zone has~~ a part that is not abutted, ~~the spacing the gap~~ in said part that is not abutted being filled with said ductile material ~~of the cast matrix, during casting~~, allowing sufficient mechanical fixation of the inserts.